

"The Name

HOPE'S

Guarantees"



SOLID WELDED • NO LOOSE LININGS

818 **WINDOWS** 1936

• HOPE'S • WINDOWS • INC • JAMESTOWN • NEW • YORK •

THE HOPE STANDARD OF QUALITY

HOPE's have been making windows for over a hundred years and have built up what is now known throughout the world as "the HOPE Standard of Quality." This standard is without extravagance, but embodies all those features which our experience has taught us are neces-

sary for permanent service in permanent buildings. We make windows of all kinds and whether it is an elaborate bronze window for a monumental building, or a simple steel casement for a small house, the same care is taken that it is of an appropriate design and that it shall serve its purpose properly.

• SPECIFICATIONS •

Form of Specification for Custom Made Casements

All windows shall be HOPE'S WINDOWS, manufactured in Jamestown, New York, by HOPE'S WINDOWS INC. from solid rolled steel sections of suitable design and weight for the size of the openings. This contractor shall not commence fabrication until shop drawings bear the approval stamp of the architects. All bars shall be hydraulically straightened and free from hammer marks or distortions of any kind. All corners shall be accurately machined, electrically welded and cleaned free from flux. Frames and casements shall be solid welded units and shall provide continuous double weathering contact without the aid of loose or applied linings. Horizontally and vertically pivoted casements shall be hung on patent bronze cup pivots. The former shall be fitted with solid bronze spring catch, cord eye and pulley and the latter with solid bronze fasteners and double bar adjusters; when more than 5 ft. high, double grip bolts shall be supplied. Top hung, bottom hung and side hung casements shall be hung on drop forged steel pivots bronze bushed. Top hung casements shall be fitted with solid bronze cam opener capable of

convenient pole operation. Bottom hung casements shall be fitted with solid bronze spring catches and concealed friction side arms. Side hung casements both outward and inward opening over 5 ft. high shall be fitted with solid bronze fasteners having double grip bolts, double bar adjusters, and intermediate hinges: under 5 ft. the double grip bolts and intermediate hinges shall be omitted. All hardware shall be individually fitted by skilled mechanics at the factory. Fixed sash shall be made from channel sections which provide the same sight line and glass plane as the casements. Moulded steel glazing beads attached with brass screws and having mitered corners shall be neatly fitted to casements and fixed sash. All steel work shall be cleaned free from rust and scale and painted two coats DuPont special rust-resisting paint, each coat baked on separately. The installation of the windows shall form part of this contractor's work. Windows to be properly bedded and pointed inside and out with HOPE'S Mastic Cement, the whole guaranteed weathertight. Glass and glazing by glazing contractor; field painting by painting contractor.

For full sized details, see page 3. For more complete information, refer to our Casement Catalogue or to any of our sales offices.

Form of Specification for "Biltin" Sub-frames

All sub-frames, mullions, transom bars, swinging and stationary sash, to be of steel, bronze or aluminum as manufactured by HOPE'S WINDOWS INC., Jamestown, N. Y.

This contractor shall furnish and deliver to the building HOPE's "Biltin" sub-frames of type and profile shown on drawings, in time to suit the requirements of the building. Sub-frames shall be of No. 12 gauge steel, with corners welded solid to form one complete frame, except where of too great a size for shipment in ordinary box cars, in which event they shall be assembled at the factory with screwed and plated joints, disassembled, packed and shipped "K. D." for assembly by general contractor. All corners shall be properly cleaned off and the sub-frames shall be painted two heavy coats of

special rust-resisting paint, each coat separately baked on. They shall be set up plumb and true and built in and pointed by the mason contractor as the walls go up. The wood spreaders or braces which are included to insure the sub-frames hold square and true to shape shall be left in until the casements are installed.

After plastering is completed, this contractor shall remove braces and shall install casements, taking care that the joints between the casements and the sub-frames are properly filled with HOPE'S Mastic Cement neatly pointed inside and out. All casements shall be properly adjusted and shall operate freely and smoothly before acceptance by the architect.

Please refer to our branch offices for specifications covering bronze or aluminum.

For details, see page 4 and refer to Catalogue, No. 15.

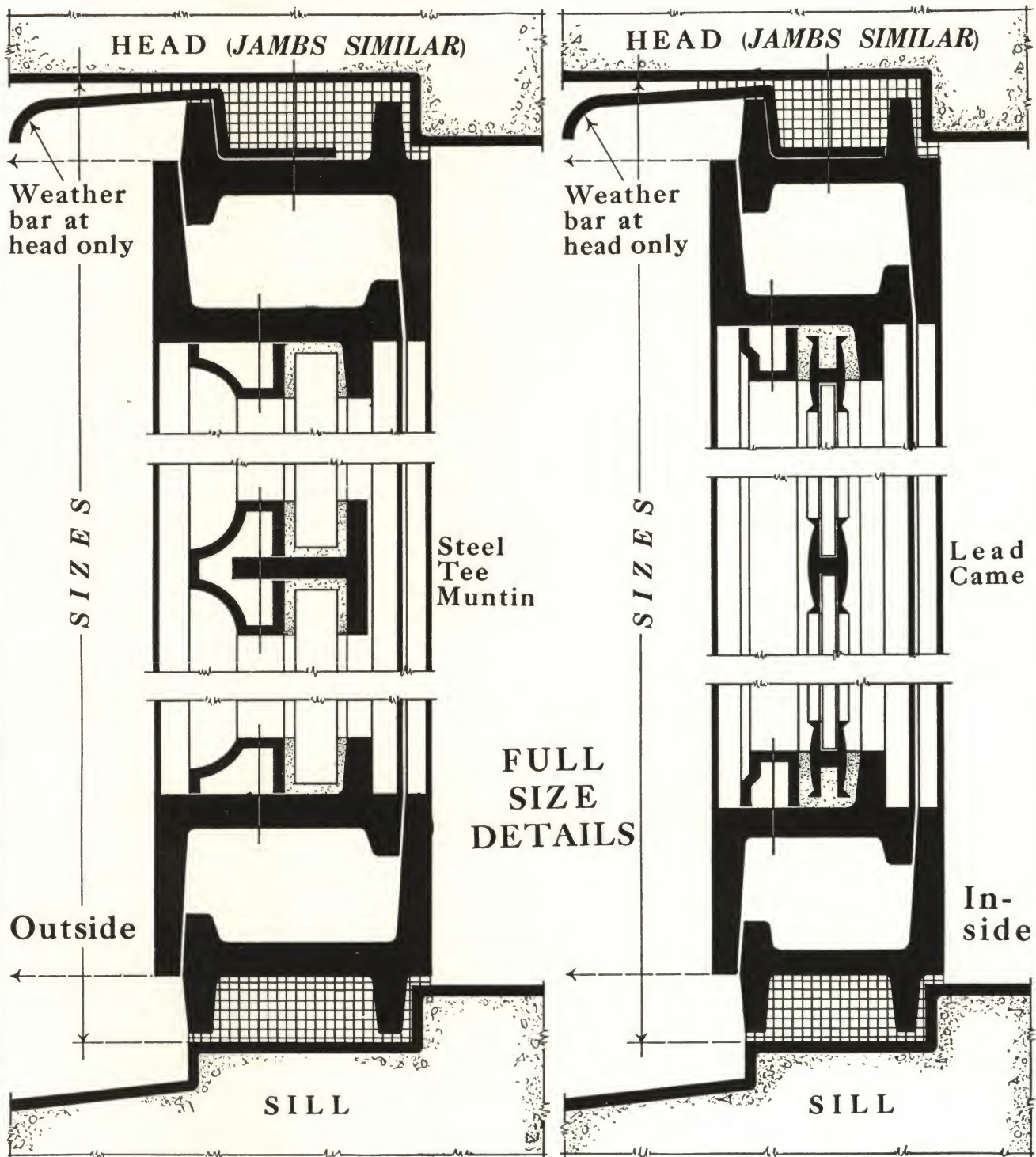
For Standard Cotswold Casement specifications, refer to pages 8 and 9.

For Holford and Econwin Window specifications—screened or non-screened—refer to page 7.

UNDERWRITERS' LABEL

The Underwriters' Label can be attached to our "Austral," "Cotswold," "Hopkins" and Light Standard Windows, if desired.

• CASEMENTS • OPENING • OUTWARDS •



HEAVY SECTION NO. 3000

Maximum size 3' 0" x 8' 0".

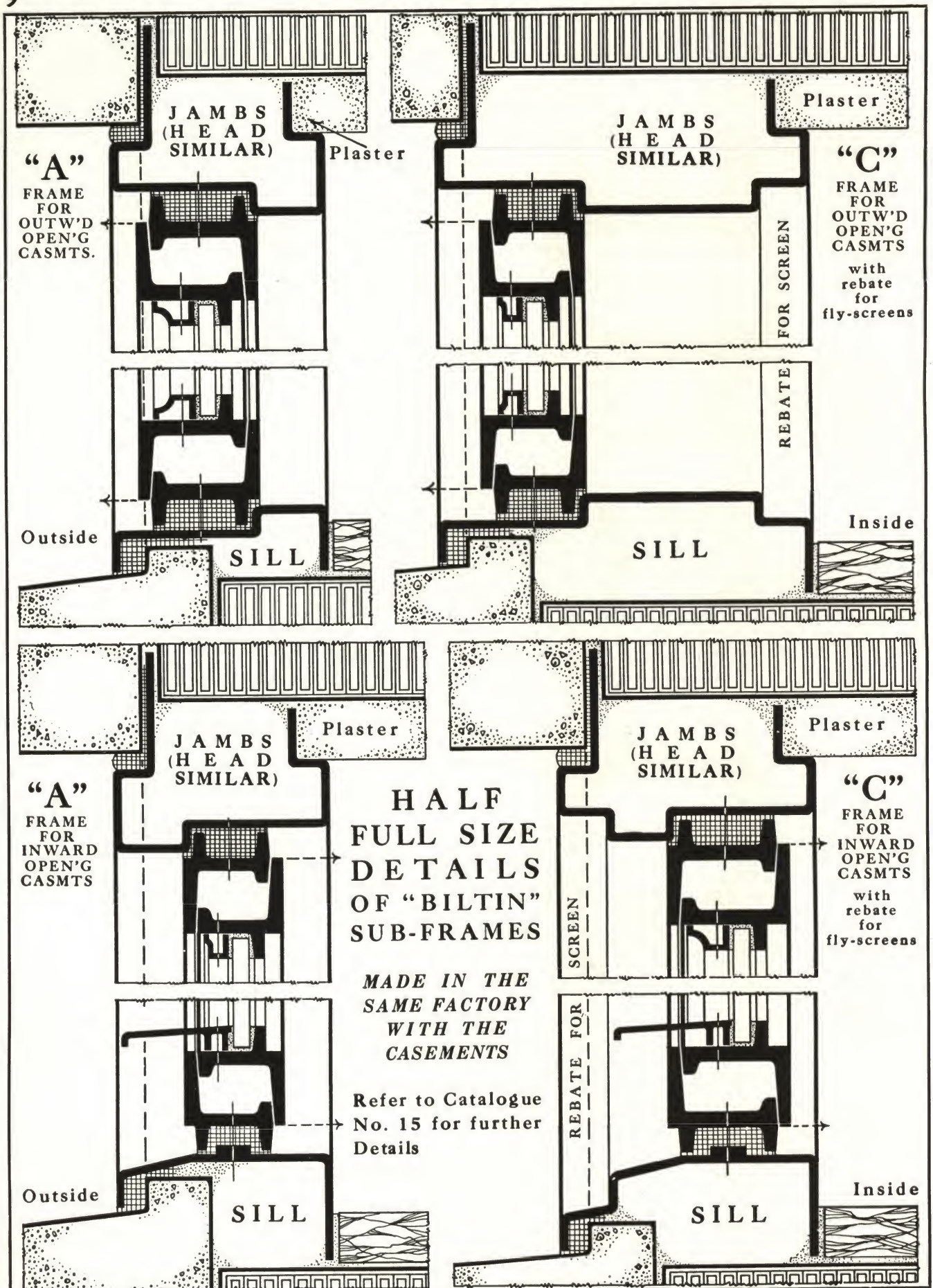
MEDIUM SECTION NO. 1000

Maximum size 2' 6" x 6' 0".

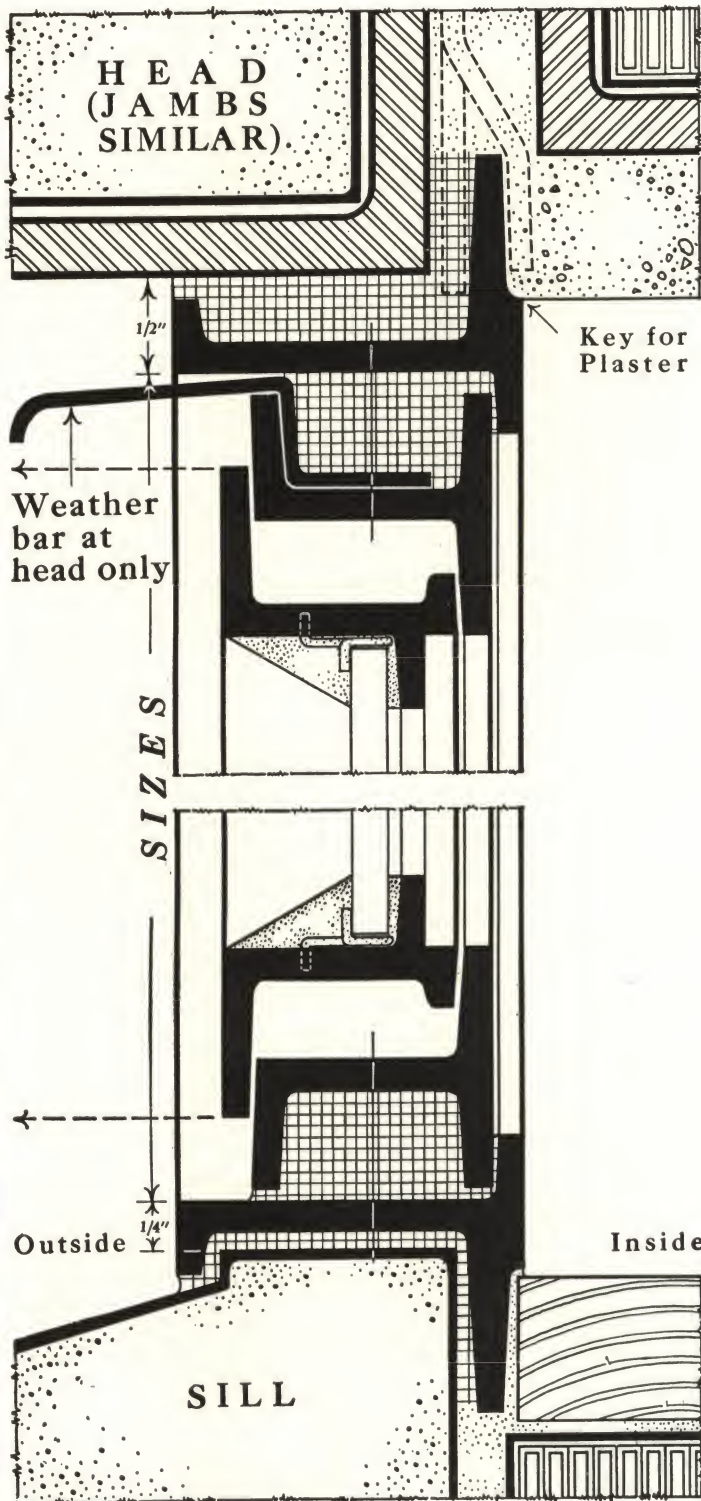
Weight of combined sections 4.61 lbs. per lineal foot. Weight of combined sections 3.55 lbs. per lineal foot.

SIDE HUNG CASEMENTS, TOP HUNG CASEMENTS SIMILAR

Our sections No. 3000 and No. 1000 may be glazed either from outside or from inside. Appearance usually governs choice, but we recommend outside glazing. Casements are made to open outwards as shown above, or by reversing the sections they can be made to open inwards, hinged at side or bottom. Or they may be pivoted vertically or horizontally. For more complete information, refer to our Casement Catalogue or to any of our sales offices.



• ROLLED • STEEL • SUB-FRAMES • NO. 2040 •



FULL SIZE DETAILS

Showing a standard Cotswold Casement installed in a Standard No. 2040 sub-frame.

In 1920 we designed a solid rolled steel No. 2040 sub-frame for use in masonry openings having plastered reveals, where a narrow sight line was desirable and where low cost was an important factor.

Bonded into the masonry openings as the walls are being built, this sub-frame provides a perfectly weathertight joint and is a big improvement over the angle fin detail which it supersedes because it permits postponing the installing and glazing of the windows until after plastering when clean conditions can be relied upon.

They have enjoyed such nation wide acceptance that we keep No. 2040 sub-frames in stock in standard sizes for use with our Cotswold range of standard casements. They can also be supplied in custom shapes and sizes at a slight extra cost.

Form of Specification for No. 2040 Rolled Steel Sub-frames

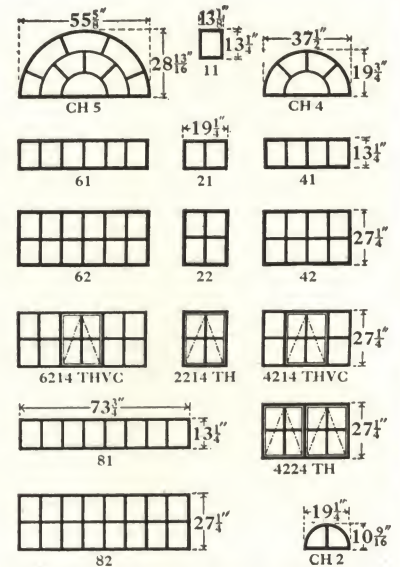
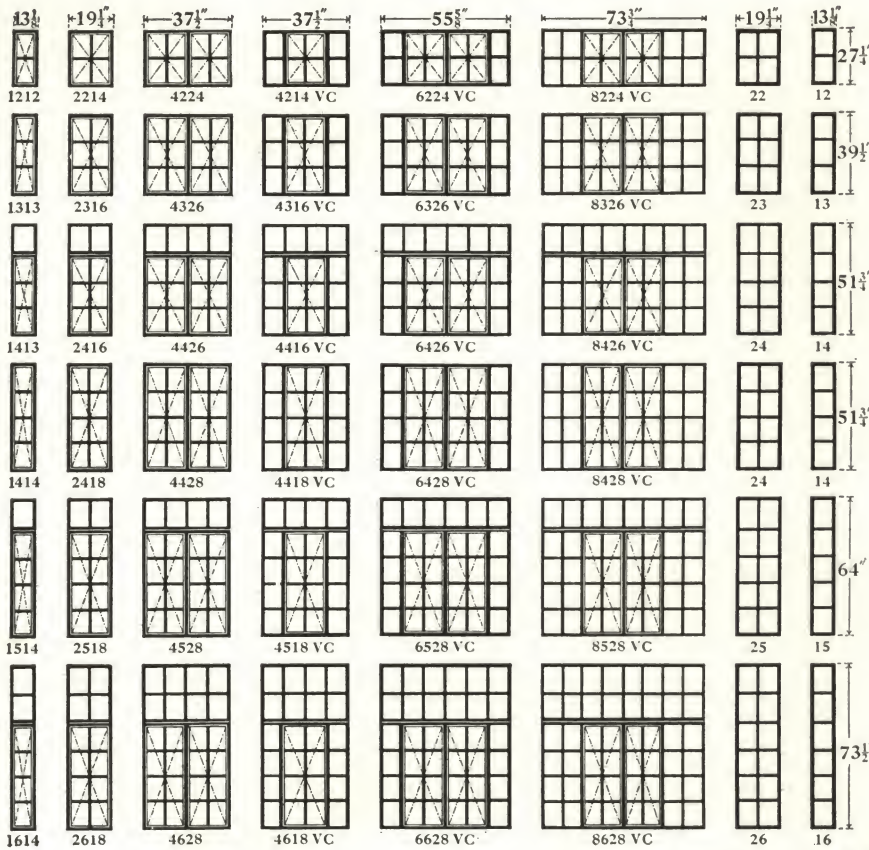
All casement windows and sub-frames shall be of solid rolled steel sections as manufactured by HOPE'S WINDOWS INC., Jamestown, N. Y.

This contractor shall furnish and deliver to the building Hope's "No. 2040" sub-frames to the shapes and sizes shown on the drawings. When specifying 2040 frames for Standard Cotswold Casements, specify that they are to be in standard types and sizes as shown by reference numbers on elevations in accordance with the standards established by Hope. They shall be painted two heavy coats of special rust-resisting paint, each coat separately baked on, and they shall be delivered to the site in time to meet the requirements of the building. They shall be set up plumb and true and built in and pointed by the mason contractor as the walls go up. The wood spreaders or braces which are included to insure the sub-frames hold square and true to shape shall be left in until the casements are installed. After plastering is completed, this contractor shall remove braces and shall install casements, taking care that the joints between casements and sub-frames are properly filled with Hope's Mastic Cement neatly pointed. All casements shall be properly adjusted and shall operate freely and smoothly before acceptance by the architect.

Note: For more comprehensive details, refer to Catalogue No. 15, or to any of our sales offices.

• HOPE'S HOLFORD CASEMENTS •

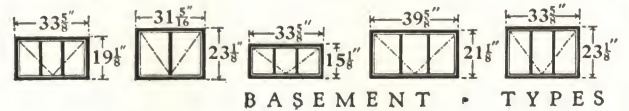
• METAL • WINDOW • INSTITUTE • STANDARDS •
• TYPES • AND • SIZES •



The Ventilators shown above are hinged at top

• SILL • TYPES • for attachment to windows as sill ventilators

For position of dimensions see page seven



BASEMENT • TYPES

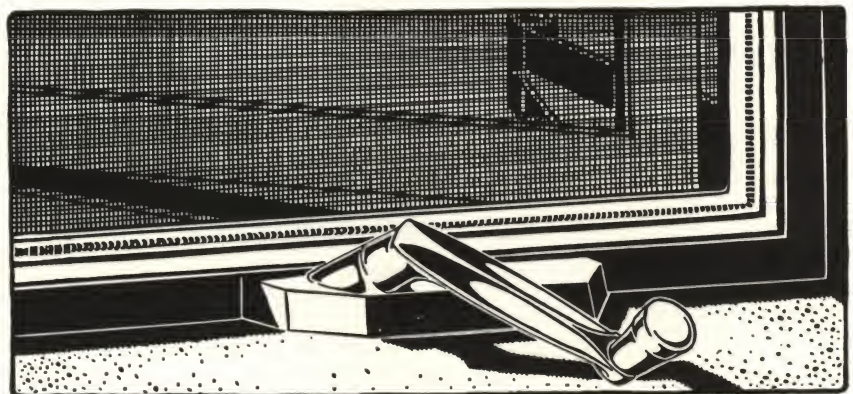
• HARDWARE •

The hardware illustrated is for screened casement. It permits casement to be opened, closed and secured without disturbing screen.

The hardware for non-screened casements consists of fastener having statuary bronze finish and cleaning hinges, friction type.

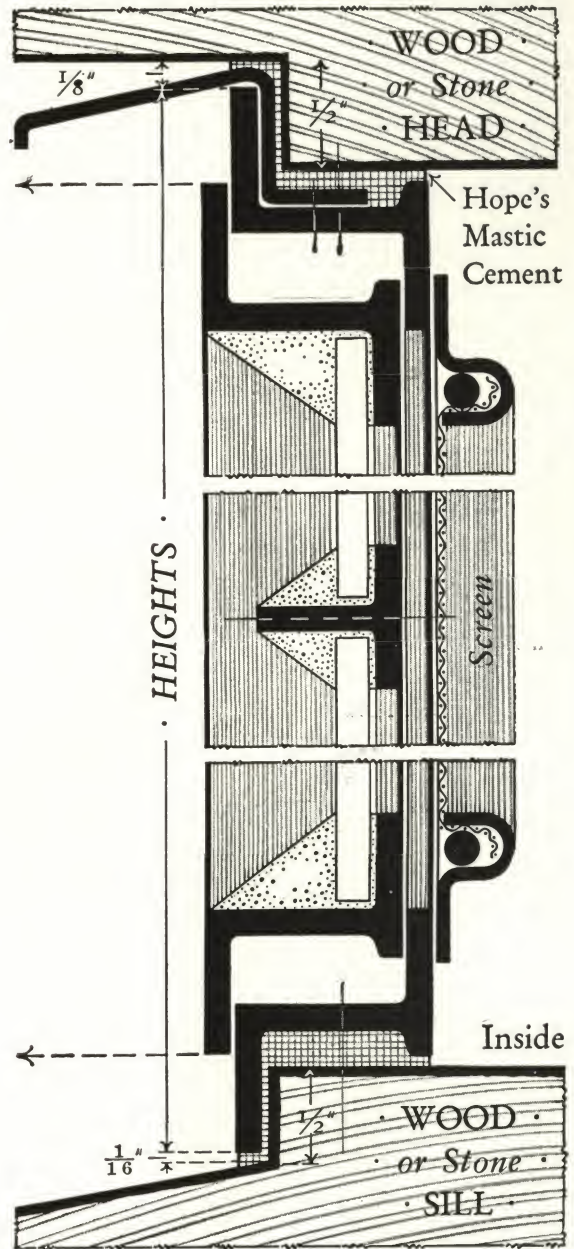


• FASTENER • (NO. 38-3) •
• STATUARY • BRONZE • FINISH •



ROTARY ADJUSTER NO. 73

· TYPES · AND · SIZES ·



· FULL · SIZE · SECTION ·

For further details, refer to Catalog No. 40, or to any of our sales offices.

· HOPE'S · SCREENED · COTSWOLDS ·

Specifications for HOPE'S Screened Cotswolds

All windows shall be HOPE'S solid steel screened Cotswold casements in the standard types and sizes they have established as shown by reference numbers on the elevations (or custom made casements using heavy casement sections or Universal intermediate sections) as manufactured by HOPE'S WINDOWS, INC., Jamestown, N. Y.

All windows shall be hung on bronze bushed steel pivot hinges of the projecting type to facilitate cleaning and shall be fitted with bronze casement fasteners and adjusters so designed and fitted as to permit the proper operation of the casement without slots or holes in the screens. All steel work shall be painted one coat of Du-Pont special rust resisting primer and one coat of gray, each coat baked on separately.

The screens shall be of standard sizes as supplied by HOPE'S WINDOWS, INC. The screen frame shall be U-shaped and made from open hearth steel (or from tubular steel $\frac{5}{8} \times \frac{7}{8}$ in.) strongly welded and reinforced at each corner, and galvanized. The screen cloth shall be of standard weight Old English gauge 16 mesh Anaconda bronze wire, easily rewireable.

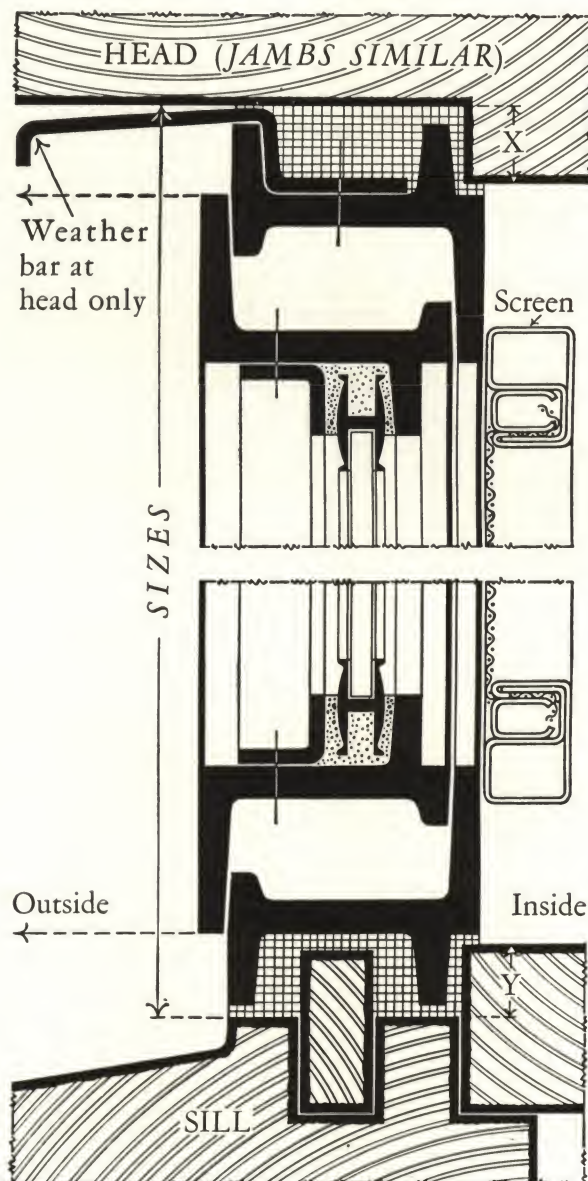
(Continued on following page)



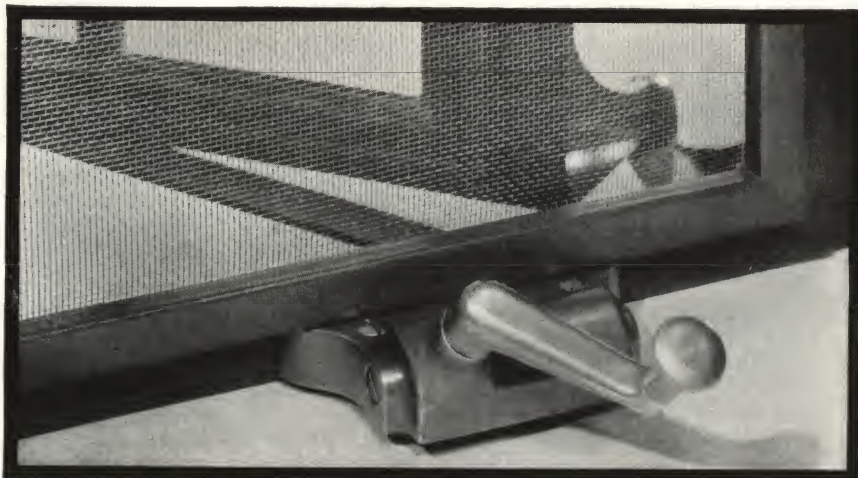
· FASTENER · (NO. 20-67) ·

Maximum rebate including trim at head and jambs (dimension "X") $\frac{5}{8}$ in.; at sill (dimension "Y") $\frac{1}{2}$ in.

ALL
HARDWARE IS
IN SOLID BRONZE
STATUARY FINISH

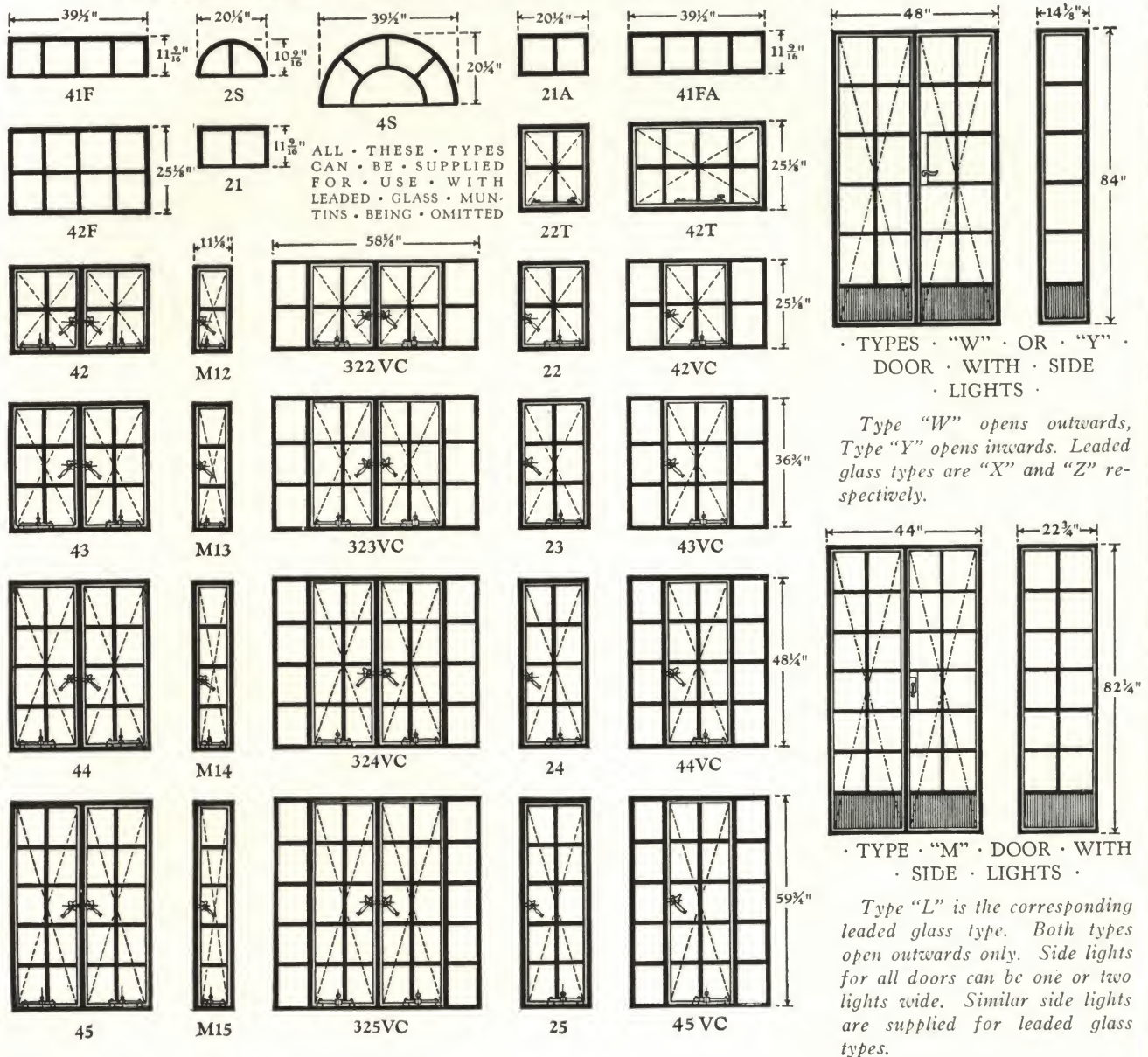


FULL SIZE SECTION



· GEAR · WORM · ADJUSTER · (NO. 20-70) ·

STANDARD · COTSWOLD · CASEMENTS · & · DOORS ·

**Specifications—Continued from Preceding Page**

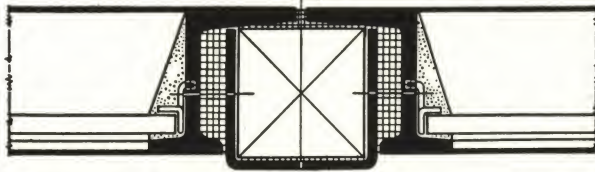
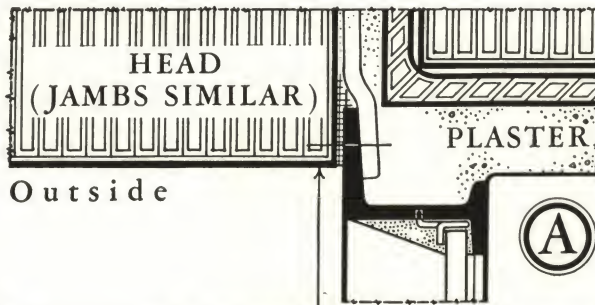
Storm sashes to take the place of screens in winter can be supplied if desired. The frames of these storm sash are to be similar in construction to the screen frames so that the same hardware will hold them in position on the casement frame. Storm sash to be glazed with best quality D.S.A. glass.

The setting of the casements shall be done by the casement manufacturer after the plastering is completed.

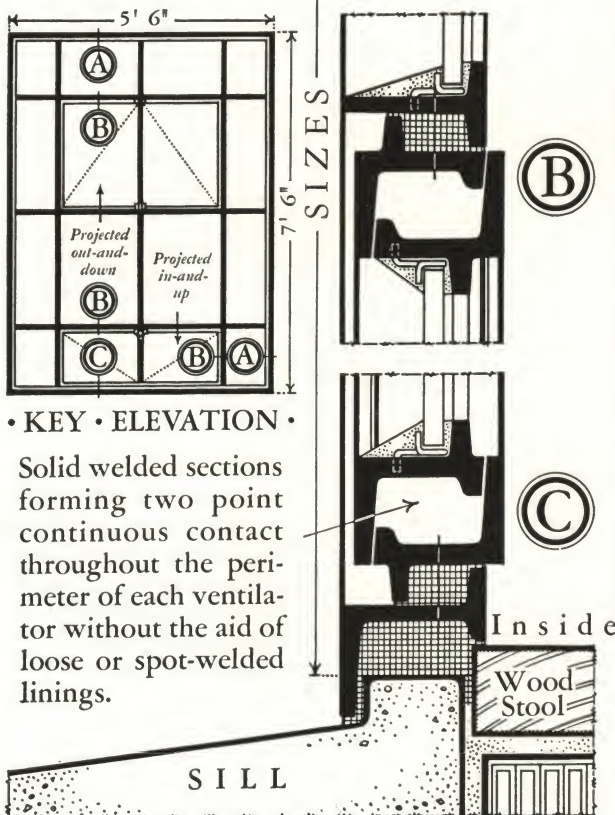
Doors type "W," "X," "Y" and "Z" are fitted with bronze latches and lever handles, and with cylinder locks. Types "L" and "M" are fitted with bronze cremorne bolt on the active leaf with bronze lever handles to be operated from inside or out and with safety catch to lock the doors on the inside. Cylinder locks can be supplied when required as extra equipment. Solid extruded bronze single or double rabbeted saddles can be fitted to any of these doors as required. All kick panels are double.

Note: For further information and details, write for descriptive booklet. When leaded glass is to be furnished, refer to page 14 of Cotswold catalogue No. 14 for suitable specifications.

· HOPE'S · PROJECTED · WINDOW ·



MULLION formed by coupling two windows



· KEY · ELEVATION ·

Solid welded sections forming two point continuous contact throughout the perimeter of each ventilator without the aid of loose or spot-welded linings.

· HALF · FULL · SIZE · DETAILS ·

HOPE'S Projected Windows are also solid welded, and methods of construction and sections employed are the same as for our Hopkins windows described on the next page.

Where windows are required to remain open in all weathers, opened *projected* ventilators provide maximum protection against rain. All ventilators in these windows are *projected* in or out.

· SOLID · WELDED · WINDOWS ·: NO · LOOSE · LININGS ·

· WIDTHS ·	HEIGHTS				
	6'-6"	7'-0"	8'-6"	4'-6"	5'-0"
1'-0"					
1'-6"					
2'-0"					
2'-6"					
3'-0"					
3'-6"					
4'-0"					
4'-6"					
5'-0"					
5'-6"					
6'-0"					
6'-6"					
7'-0"					

· TYPES · AND · SIZES ·

Flat screens can be provided and are most practical. For detailed information on sections, screens, shades, and drapes, refer to our catalog No. 32 or nearest sales office.

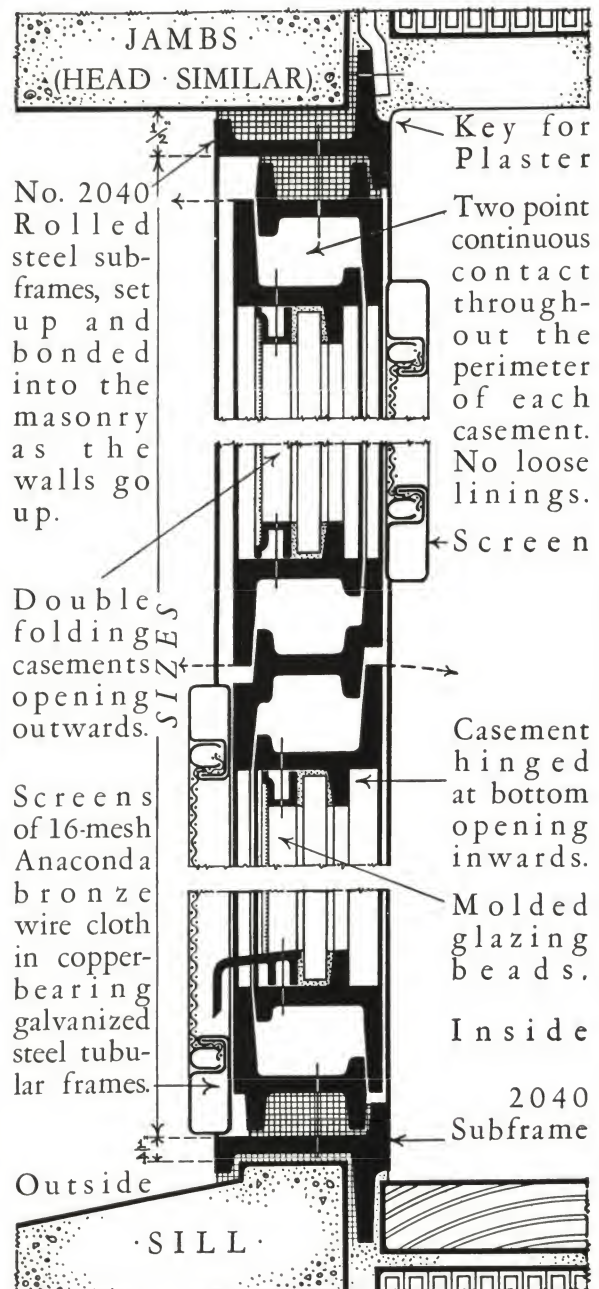
· HOPE'S "HOPKINS" WINDOW ·

WIDTHS	HEIGHTS				
	6'-6"	7'-0"		4'-6"	5'-0"
	7'-6"	8'-0"	8'-6"	5'-6"	6'-0"
2'-6"					
3'-0"					
3'-6"					
4'-0"					
4'-6"					
2'-6"					
3'-0"					
3'-6"					
4'-0"					
4'-6"					
5'-0"					
1'-6"					
2'-0"					
1'-0"					
1'-6"					
2'-0"					
2'-0"					
5'-0"					
5'-6"					
6'-0"					
6'-6"					
7'-0"					

· TYPES · AND · SIZES ·

HOPE'S "Hopkins" Windows, whether supplied in the types and sizes illustrated in the above diagram, or in custom-built sizes as designed by the architect, are particularly suitable for public buildings, hospitals, courthouses and schools where permanency of construction, control of ventilation and simplicity of operation are desirable. Frames and ventilators are solid welded units, and continuous double weathering contact is provided without the aid of loose or applied linings. This method insures permanent construction

· SOLID · WELDED · WINDOWS :: NO · LOOSE · LININGS ·



HALF · FULL · SIZE · DETAILS

and avoids the troubles which follow when linings are forced away by corrosion, leaving the windows useless and frequently dangerous.

HOPE'S "Hopkins" Windows are available at competitive prices and our Section 1000 having a combined weight of 3.55 lbs. per lineal ft. is used in their construction.

Note: For full specifications, refer to Catalogue No. 18 or 32 or to any of our sales offices.

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From the collection of:
Robert Vail Cole Jr, AIA
1962 - 2011

· HOPE'S · HAND · WROUGHT · LEADWORK ·



· LEAD · RAIN ·
· WATER · PIPE ·
· NO. 690 · 4x3 ins. ·



· LEAD · HEAD · NO. 666 · Width Over Ears, 29 ins. ·



· LEAD · RAIN ·
· WATER · PIPE ·
· NO. 689 · 4x3 ins. ·



· WALL · SUNDIAL · NO. 826 ·
· 36 ins. Wide x 32 ins. High ·

*For complete
information on
lead and lead-coated
copper rainwater
goods, refer to
Catalogue No. 72*

*For complete
information on
leadwork for the
garden, refer to
Catalogue No. 20*

· HOPE'S · WINDOWS · INC. ·
· JAMESTOWN · NEW YORK ·